

Title (en)  
FRACTURING SYSTEM AND METHOD FOR AN UNDERGROUND FORMATION USING NATURAL GAS AND AN INERT PURGING FLUID

Title (de)  
BRUCHSYSTEM UND VERFAHREN FÜR EINE UNTERIRDISCHE FORMATION ANHAND VON ERDGAS UND EINEM INERTEN SPÜLFLUID

Title (fr)  
SYSTÈME ET PROCÉDÉ DE FRACTURATION POUR UNE FORMATION SOUTERRAINE UTILISANT DU GAZ NATUREL ET UN FLUIDE DE PURGE INERTE

Publication  
**EP 2665891 A1 20131127 (EN)**

Application  
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Abstract (en)  
[origin: WO2012097424A1] A method for fracturing a formation in a reservoir using a fracturing fluid mixture comprising natural gas and a base fluid, comprises: determining certain reservoir conditions of the reservoir comprising the formation; selecting at least one desired behaviour of the fracturing fluid mixture during a fracturing operation in the formation under the determined reservoir conditions; determining properties of the fracturing fluid mixture required to achieve the selected at least one behaviour, wherein the determined properties includes a mole fraction of natural gas in the mixture; preparing the fracturing fluid mixture having the determined properties; and injecting the fracturing fluid mixture into the reservoir under the determined reservoir conditions, such that the mixture exhibits the desired behaviour during the fracturing operation.

IPC 8 full level  
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